CENTRAL INTELLIGENCE GROUP

INTELLIGENCE REPORT

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	COUNTRY	Tugoslavia	CONFIDENTIAL	DATE		
	SUBJECT	Yugoslav Air Force	This document is heleby regladed to CONFIDENTIAL in accordance with the letter of 16 October 1975 from the Director of Central Intelligence to the	EHST. PAGES	S December 194	.6
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· <u>L</u>	1.0	The Yugoslav Air Fo	rce is undergoing a complete re	-organiza	dian and all fi	yin <sub>s</sub>

- personnel are being brained in Russian schools. The new tables of organization have been established, but while the number of aircraft on hand corresponds to the figure required, a 50% deficiency to personnel has been reported. This is being gradually overcess by the influe into the Yugoslav Air Force of cress trained in Russia. Funcian Liaison officers and technicians supervise the proper maintenance of equipment on all airfields. It has been reported that entire units have been trained in Bussia and sent back to Yuguslavia complete with pernormal and material. This was the case with the ith Air Division which is now dispersed on the airfields in the Ljubljons area.
- The Tagoslav Air Force has a total of about 600 airplanes of various types. It he also believed that about 300 modified MR 110 have arrived in Yegoslavia from Resela. The chief modification on this plane is the addition of the armor plate is used on the Stormetik. It has a verge of about 400 wiles and a book load capasity of 700 lbs. Some PH 2 and YAK 9 type plenes have arrived in Yugoslavia transperhed by rail from Russia.
- 3. Present organization of the Yugoslav Air Force is as follows:

Gameral Meadquortors Five Air Divisions One Transport Regiment Four Air Area Teadquarters One Air Force Academy Ten Schools Jorry Airfields

Document No MAR 1978 Date:

4. Types of Aircraft in the Yugoslav fir Force:

a) Pomper:

h) Attack:

Douglass 213 26 DE DB BA DΕ 317 \* 9 11. 79

II, 2 (Stormovik) JU 87 ME 110

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## c) Fighter:

EAK 1, 3, 5, 7, 9, and 12

Reaufighter

Spitfire Hurricane

IA 7 Macek Mosquito Lockheed

Tkarus (Yugoslav Plane)

d) Transport:

e) Training:

Bakota Bouglas Junker UT 1, and 2 PO 2

UIL 2

## 5. Characteristics of the PE 2:

The PE 2 is a low wing monoplane with two liquid-cooled engines, each engine developing a hersepower of 1150 at 4000 meters. It has a maximum speed of 600 kilometers per hour, cruising speed of 426 km per hour at 4000 meters, ceiling of 3600 meters, wing span 17.10 meters, length 12.60 meters. The armment consists of 2 lateral m/g of 7.6 caliber, 1 central movable m/g of 12.7 cal, 1 central fixed m/g of 7.6 cal. It can further carry a bomb load of 10 bombs of 320 kilograms. The engines need an overhoul after 100 hours and the entire plane after 200 hours. Bombs are fixed under the wing; two of them between the engine and the fuseloge, one under each engine and the remaining four behind the pilot's seat. The bombs under the wing are released in a dive; the others are released on an even keel.

## 6, Locations of Units:

a) General Headquarters

ZEMUN (BELGRADE)

b) lst Air Division:

Headquarters

SKOPLJE

312th Fighter Regt (YAK) SKOPLJE

421 Ground Attack Regt (Stormovik)

NIS

19 Ground Attack Regt (Stormovik)

Transport Squadron

#### c) 2nd Air Division:

Headquarters

KRSKA VAS

113th Fighter Regt (YAK)

CERKLJE

L22 Ground Attack Regt (Stormovik)

TOPELICE

123 Ground Attack Regt (Stormovik)

CERKLJE

6th Transport Squaeron

## d) 3rd Air Division:

Headquarters

DEVICA MARIJA POLJU (Ljubljana)

111th Fighter Regt (YAK)

DEVICA MARIJA POLJU (Ljubljana)

424th Cround Attack Rogt (Stormovik)

420th Ground Attack Regt. (Storm CONFIDENCE

5th Transport Squadron

(This Division also has some unidentified units at Poled and Medove).

## e) 4th Air Division:

Headquarters

Sombor

110th Fighter Regt (YAK)

41st Light Bomb Regt ( P 2)

Sombor

42nd Light Bomb Regt (P 2)

Sombor

7th Transport Squadron

(This Division also has a base on the field at Novi Sad).

# f) 5th Air Division:

Headquarter:

Crnomelj

58th Fighte: Rogt.

Crnomalj

508th Fighter-Bomber Regt.

Cracacli

524th Bomber Rogt (KJ 50)

Crnomelj

### g) Transport Regiments:

Heanquarters and Main Base

Zemun:

4th Transport Squadron

Zemmalk

## h) Air Areas Iq. (V.O.K.):

Lat V.O.K.

Novi Sad

2nd V.O.K.

Skoplje

3rd V.O.K.

Sarajevo

4th V.O.K.

Zagreb

## 7. Location of Schools:

E) GOSPODINICI (Fighter)

YAK 1-7, dual control

Zara (righter) b)

Spitfire (2 and 5) and Rata.

Ljubljana (Fighter)

Old Italian planes, Spitire and Rata.

d) Ruma (Fighter)

YAK 1-7 and UT 2

e) Divulje (Fighter)

Rata

Spalato (Bomber)

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S 79 and Beaufighter



g) PANCEVO Air Academy

For officers only; YAK 9, UII.2, FE 2, FO 2, Tiger, Harward Bakota.

h) NOVO MESTO Air Academy

For Officers and NCO.

i) ECKA Engineer School

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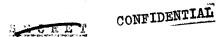
j) ZAGREB Training School

Army School for Officers, NCO and pilots.

- k) REMANJIA Paratroop School
- 1) SARAJEVO Mechanics School

## 8. Location of Airfields:

- a) Aidussina Located at 45° 53° 25° North 13° 53° 30° East Gr.; although this field has no equipment it is very large; some fighters stationed here and some bombers have made trial landings.
- b) BULA CRKVA 44° 50° 10° North 21° 55° 35° East Gro; the field is 1.5 km south of BULA CRKVA immediately west of the road from the town to the River Neia.
- c) BELGRADE A large airfield is under construction in the neighborhood of OPEDSCA BARA near BLLGRADE.
- d) BEZANIJA 44° h8: 00" North 20° 23; 35" East Cr. It is 6 km west of BEZANIJA. It appears that a paratroop school has been installed at this airfield.
  - e) BLED There are 71 Bombers attached to this field.
  - f) CETTIGNE 420 230 400 North 180 550 300 East Cr.
  - g) KONICE Airfield is serviceable.
- h) CRNOLEL A group of the 5th Air Division with about 50 YAK 3 aircraft is located at this field.
- i) DIVULUE Airfield located between Spalete and TRAU (TROGIR). A fighter pilot training school is located at this field. There are about 36 Rata fighters. Defenses around the field, which were destroyed, are being rebuilt.
- j) <u>DOLENJSKO</u> Airlield is almost finished. It is northeast of TREBINJE along the TREBINJE-MURNA-MOKRONOG-BISTRICA-PIJAVICE-ST. JANZNA-DOLENISKOM Railway. There are 200 Russian planes here.
- k) ECKA The airfield is northeast of TITEL on the main road from TITEL to PERZEL-ECKA-V.BECKEREK. It has no hangers nor runways, and is the engineers' training school. YAK & planes are used for towing.
- 1) CORENSKO This is probably: KRANJ, 46° 14' 13" North 14° 21' 30" Fast Gr., Skofja-LOKA near the village of LIPICA. There are 30 aircraft of Russian make.
- m) GORICA (MONTENEGRO) It is near GORICA about 5 km west of the city of POLCORICA. It has a little or no equipment and resembles a cultivated field. It is 900-1000 meters long and about 700 meters wide. It has 2 hangars, one of which is used for storing clothing, assumition, rockets, oil, in chine guns, spare parts, etc. There are three gasoline storage tanks near the hangars, at present holding 50,000 liters of gasoline. All rations and assumition arrive at night in trucks and by train from Ljubljana Two huts on the field contains a workshop with 30 workers (air-force personnel and civilian).



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- n) GOSPODINCI Map 1: 100,000-52/X/9685. The airfield is north of MOVI 5.1D with normal grass surface. There are some huts made of wood. The repair shop in the village of GOSPODNICI. Approach at zero height can only be made at the north and south ends. The radio station is in a truck. A fighter school is located at this field.
- o) GROBNIKO 45° 22° 40° North 14° 30° 30° Hast Gr. It is 7.5 km northeast of Susak in the Grobnike Polje plain. A concret runway is under construction. During the winter the mirfield is unserviceable due to the strong north wind. (BORA).
- p) GRUDA =  $42^{\circ}$  320 150 North 18<sup>c</sup> 190 400 Fast Gr. It has two runways. The only traffic appears to be an occasional Russian plane. All the area is under guard and civilians are not allowed to enter.
  - q) KARLOVAC Area The following airfields are located in this area:
- 1)  $45^5$  291 COM North 150 330 200 East Gr. located 1 km southwest of the city, and west of the RR Line.
- 11) 45° 28° 25" North 15° 34° 26" East Gr. located 2.2 km southeast of the city between the RR line and the River Korons.
- 141) 450 270 200 North 153 230 450 East Cr. located 4.3 km. south of the city and west of the road to POLLIJE. There is a total of 56 planes on these fields of which 35 are Russian and the others Italian S 79 and German.
- me) KOVIN Located on the main road to PANCEVO-BOVANISTE. Practical flying instruction is given only during the summer.
- s) KOZARIJE Nap 1:100,000-11/D/1735. Located between the AR line to Ljubljana from Longatico and the Gradescia River which is north. It has two workshops, which contain five-three-engine planes. There are 12 fighters in shelters on the southern boundary. Strength is 170 men.
- t) KRALJAVICEVO 440 581 268 North 200 428 408 East Gr. located immediately west of the village and is used as a pilots training school.
- a) KRSKO Situated between Ljubljana and Zagreb almost at the Slovene-Croat border. There is a group of two fighter squadrons with YAK planes and a dive bomber squadron with Stormovik planes. There is also a recommissance squadron.
  - y) LJUBLJANA All fields in this area are serviceable.
- 1) DEVICA-MARIJA-FOLJU 46° 03° 1/3" North 14° 33° 30° Fast Gr. located 3.5 km from the main railway station in LJUBLJANA and 1.6 km west of the railway station at DEVICA HARIJA FOLJU.
- ii) LISK1  $46^{\circ}$  O4° 30° North 14° 29° 54° East Gr. located 2.5 km northwest of the city.
- 111) SKOFLJICA = 45° 59' 85" North 14° 34' 40" East Gr. located 9 km from Ljubljana and 2 km. south of Skoflijica.

One of these airfields is used as a pilots training school. At one of these fields the following were seen: 30 Spitfires, several twin-engine Lockheeds, 30 Russian Rata and 10 Stuka.

1000 meters by 500. Contains 4 rangars with 20 planes and sneiters for Mosquito, MI 7, and Macchi type planes; its defenses consist of 2 three-gun batteries along the southern perimeter, and 2 three-gun batteries along there are 1500 men on this field including 17 Russian instructors; gas dumps around the field are heavily camouflaged.

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x) MITROVICA - There are two airfields in this areas

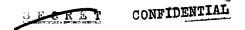
i) STREM MITROVICA, 440 58: 30" North 190 37: 00" East Gr. located near the RR station.

= 60

ii) KOS MITROVICA, 420 531 00" North 200 551 CO" East Gr. located about 1 km southeast of MITROVICA east of the SITRICA River.

At one of these fields there are about 270 Russian planes, old type Rata, and Russian instructors.

- y) MIS  $43^{\circ}$  20: 10" North 21° 51: 10" East Gr. The airfield is located  $h_0$ 5 km northwest of the city and west of a large barracks. A light bomb group (Stormovik) is stationed at this airfield.
- a) MOSTAR = 43<sup>8</sup> 18° 10" North 17° 48° 50" East Gr. located about 3.5 km south of MOSTAR and between the RR from MOSTAR to METKOVITE and the MOSTAR-INSENICE road immediately south of the Hum Hill. Landing and take off is only north-south. A Russian squadron is based on this field. Large fuel dumps are located on the cutskirts of the city.
- se) MOVI SAR The airfield is located 3 km west of the city and north of the RE yards. The following airplanes have been noted: 7 Stuka, L JU 88, 20 YAK, 5 Stromovik. It is probable that two squadrons of Russian twin-engined fighter bombers arrived recently.
- bb) MOVO MESTO Airfield is 4 km northwest of the town on the bank of the Precna River. It is a military academy for officers and NCO. Instructors are Russian officers.
- ca) OGULIN A new airfield is under construction in this area. There are already two airfields:
- i) OGULIN I 45° 16' 50" North 15° 11' 05" East Gr. located 4 km northwest of OGULIN on the OGULIN-SRISKA-MORAVICA RR Line.
- ii) OGULIN II 45° 14° 15" North 15° 14° 20° hast Gr. located 3.2 km south of the town on the bank of the Mrezmica River.
- dd) PANCEYO 440 54 15" North 200 38 30" East Gr. located 16 km north-east of BELGRADE and .6 km from PANCEYO. It has modern equipment and a runway with 5 repair shops. It is controlled by the Academy. It also has a workshop and a system of underground tanks. The following planes were seen here: 25 PE-2, 7 UT-2, 7 Tiger, 2 Harward, 2 Dakota, 2 YAK-9. The Academy has a strength of 600.
  - ca) PARINZO An emergency landing ground is being constructed.
- ff) POSTUMIA The airfield is serviceable in the RACHITENI area; work is underway for enlarging the airfield.
- gg) RAVNAGORA An airfield is under construction, but probably for Russians only.
- hh) RUMA  $44.^{\circ}$  58°  $40^{\circ}$  North 19° 48° 50° East Gr. located 2.9 km south of RUMA and 1.3 km southwest of the RR station. The surrounding area is completely flat with few trees and zero approach to the airfield is possible from all angles.
- ii) SABAC 44° 55' CO" North 16° 41' 15" East Gr. It is immediately southwest of the city, and has a grass runway and wooden hangars.
  - jj) SARAJEVO Contains two sarfields with numerous planes:



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m 7 -

- 1) RAJLOVAC: 43° 52' 00" North 18° 18: 30" East Cr. located 9 km northwest of the city.
- 11) BUTHER: 43° 48° 55" North 18° 20° 14" East Gr. located 9 km southwest of SARAJEVO and 6 km southeast of RADJLOVAC, Contains a mechanic school with Russian instructors.
- kk) SKOPLJE: 41 59 00" North 21° 28' 10" Hast Gr. located 2.5 km southeast of SKOPLJE between the Vardar River and the SKOPLJE-VELES RR line. Contains a fighter regiment and YAK planes.
- 11) SOMBOR:
  45° 44° 40° North 19° 07° 30° East
  (kr, located immediately south of the village and of the road to AP/TIRE. There is
  a concrete runway, 1500 meters long, built by the Russlans. There are two hangars
  with 10 fighter bombers. The fuel dump is 800 meters east of the runway and south
  of the hangar. Supplies are sent by rail from PLOESTE. The 41st and 42nd Light
  Remb Regiments are based on this field. Instructors and technicians are Russian.
  - mm) SPALATO Contains three airfields:
- 2) GINJ No. 43° 42° 10° North 16° 40° 30° East Gr. Located 3 km east of SINJ.
- 5.6) SIMI IN: (RAVNA) A3° 42' 20" North 16° 42' 30" East Gr. losted 5 km east of SIMI and 2 km southwest of GALA near the western bank of the Ceting River.
- Sin) SINJ III: (GALA) 43° 42° 47° North 16° 43° 16° East Gr. located 6° km northeast of SINJ irrectiately south of GALA between the Cetina River and the GALA-EDOVICIC Road.

On one of those airfields there was a Beaufighter training school.

- nn) VELIKA-GORIKA (MAGRES) 45° 44° 25° North 16° 05° 15° East Grolocated 3 km from the village. Hes a concrete runway about 1300 meters by 500 meters facing east to wost. Parallel to the runway there is a dispersal runway running to the woods at the southern end of the airfield.
  - co) MAGREB The following cirfields are in this area:
- from the eastern boundary of the city southwest of the ER station at TRNAVA.
- 11) KAJZERICH: 45° 46° 45" North 15° 58° 00" East Gr. located on the outskirts of the south of ZAGREB about 3 km southwest of the RR station.
- 111) VRAPCE-SPANJSKO: 450 480 00" North 15054: 35" East Cr. located 6 km west of the RR station in Zakkeb and 600 meters east of SPANJSKO.
  - iw) SVETA-KLARA: 450 451 000 North 150 560 550 East Gr.
- pp) BORONG There were 70 planes on the BORONG dairfield of which 45 were bombers and 25 fighters, all of Russian manufacture. The airfield has 4 hangars. Fuel is supplied by the dumps at OSJEK. A large dump has been made south of the airfield in large hangars. High tension wires cross the north side of the field. Landings and take off are from north to south.
- cq) ZEMN There are two airfields at ZEAUN which are used chiefly for connercial purposes; one of them, however, also includes the Hq. of a transport unit.